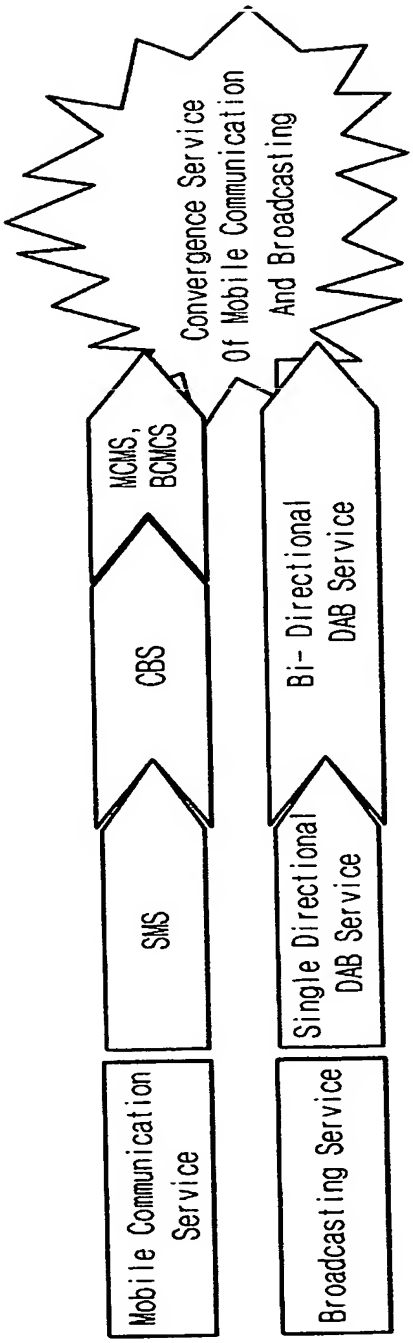
Convergence Service
Of Mobile Communication
And Broadcasting
MCMS,
BCMCS
CBS
SMS
Bi- Directional
DAB Service
Single Directional
DAB Service
Mobile Communication
Service
Broadcasting Service

FIG. 1

Field	Working Group	Detailed Description	Completion Schedule
Air-interface	TSG-C(SWG2.5)	Physical Channel : Standard Completion (Except For Framing Issure)	2003. 12
Security Framework	TSG-S(WG4)	* Completion : Review In Each TSG	2003. 12
End-to-end Framework	TSG-X BCMCS Ad Hoc	* Draft Version : Review In Each TSG * Open Issue : Framing Issue	2003. 12
A-interface	TSG-X	Start On July And In Progress	2004. 06
Packet Network	TSG-X	Progress After Framework Is Completed (IS-835D)	2004. 06

FIG. 2

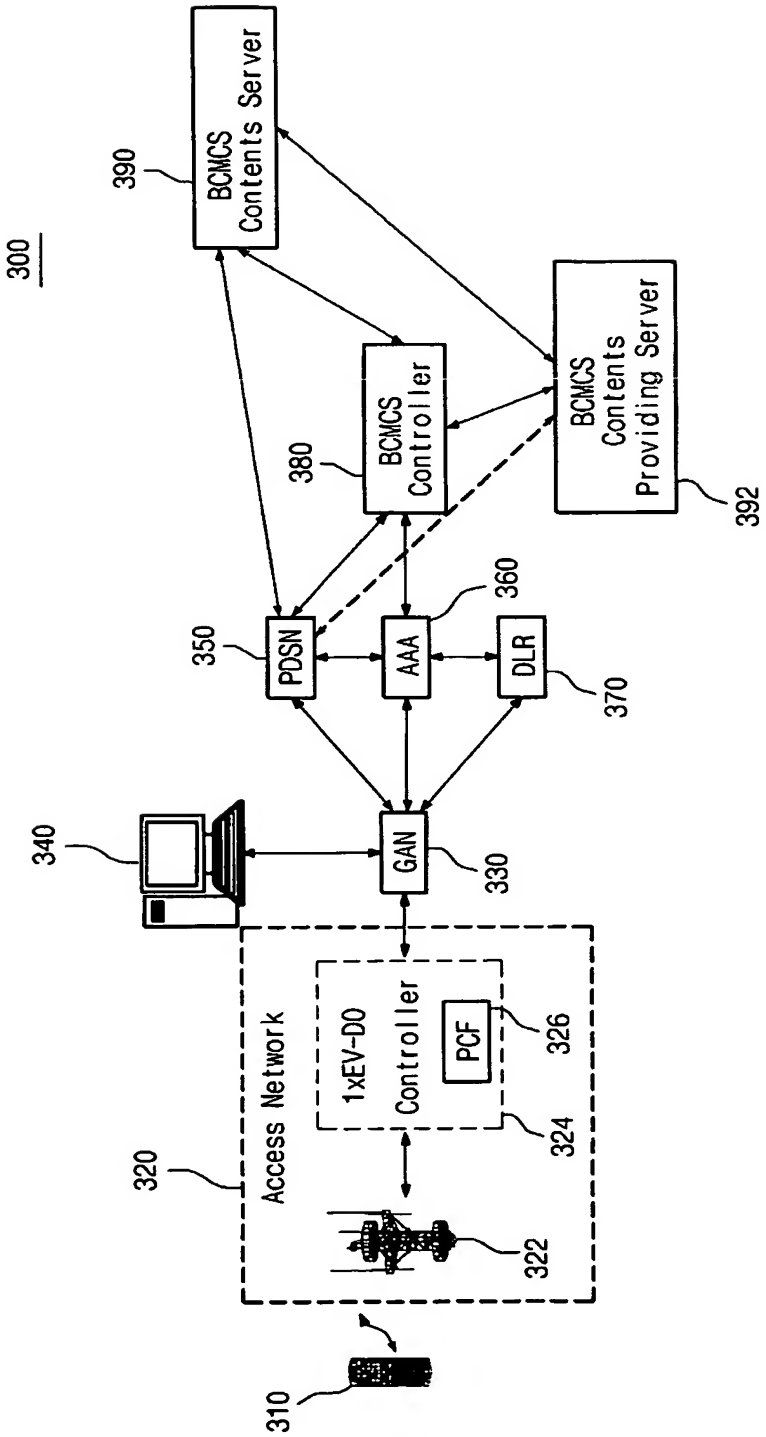
300
390
BCMCS Contents Server
380
BCMCS Controller
392
BCMCS Contents Providing Server
360
350
PDSN
AAA
DLR
370
340
GAN
330
Access Network
320
1xEV-DO Controller
PCF
326
324
322
310

FIG. 3

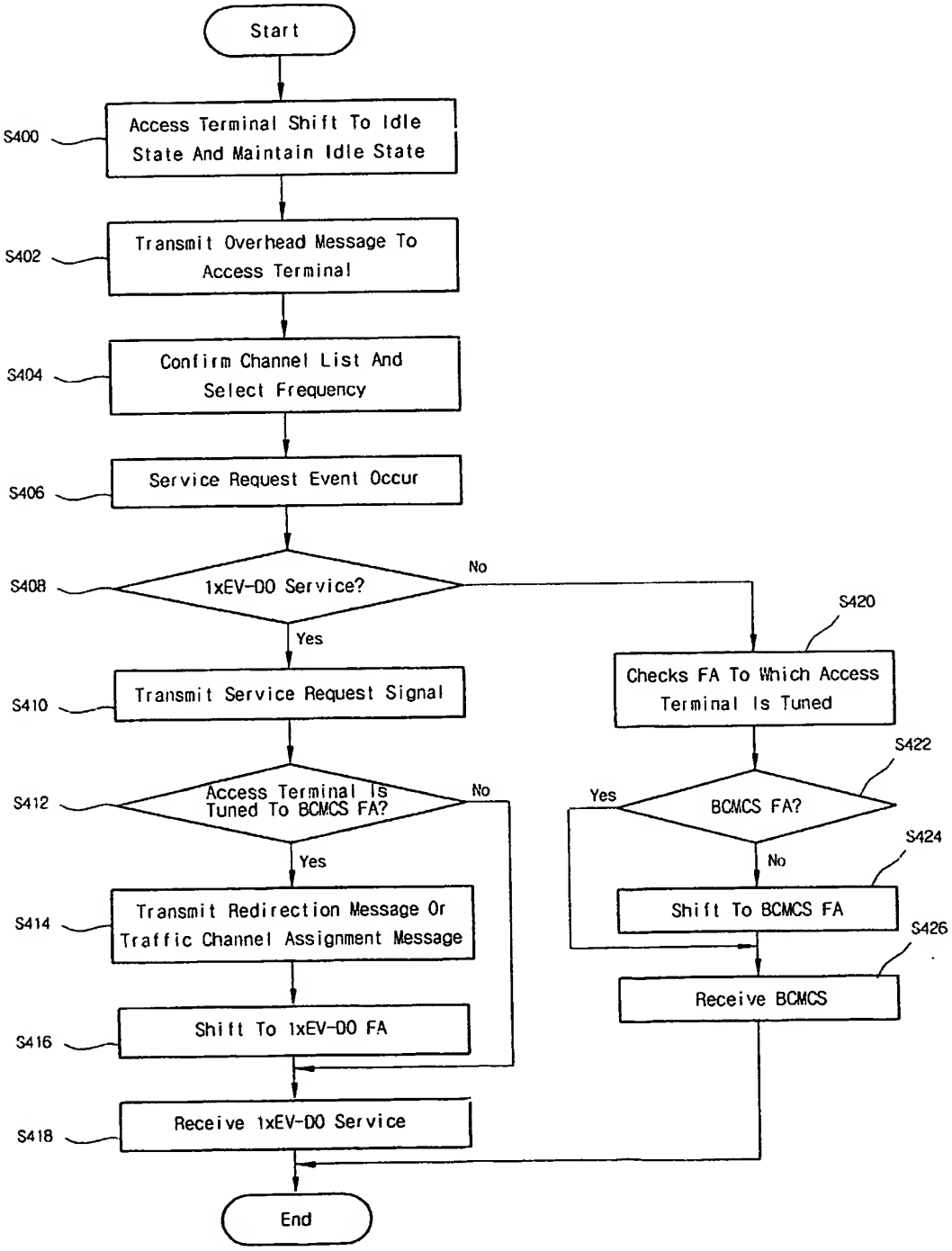
Start
S400
Access Terminal Shift To Idle State And Maintain Idle State
S402
Transmit Overhead Message To Access Terminal
S404
Confirm Channel List And Select Frequency
S406
Service Request Event Occur
S408
1xEV-DO Service?
No
Yes
S410
Transmit Service Request Signal
S412
Access Terminal Is Tuned To BCMCS FA?
No
Yes
S414
Transmit Redirection Message Or Traffic Channel Assignment Message
S416
Shift To 1xEV-DO FA
S418
Receive 1xEV-DO Service
End
S420
Checks FA To Which Access Terminal Is Tuned
S422
BCMCS FA?
Yes
No
S424
Shift To BCMCS FA
S426
Receive BCMCS

FIG. 4

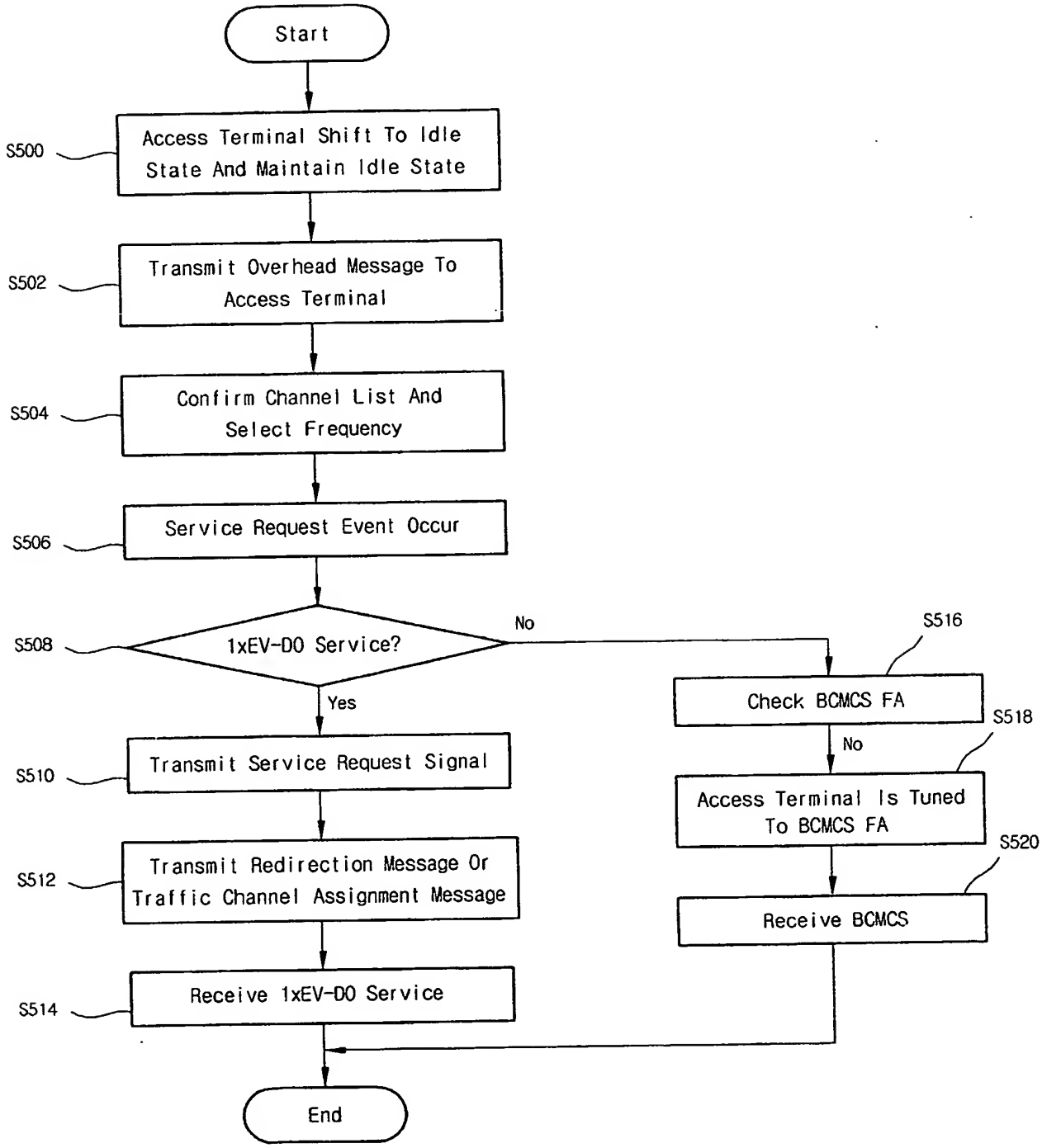
Start
S500
Access Terminal Shift To Idle State And Maintain Idle State
S502
Transmit Overhead Message To Access Terminal
S504
Confirm Channel List And Select Frequency
S506
Service Request Event Occur
S508
1xEV-DO Service?
No
Yes
S516
Check BCMCS FA
S518
No
Access Terminal Is Tuned To BCMCS FA
S520
Receive BCMCS
S510
Transmit Service Request Signal
S512
Transmit Redirection Message Or Traffic Channel Assignment Message
S514
Receive 1xEV-DO Service
End

FIG. 5

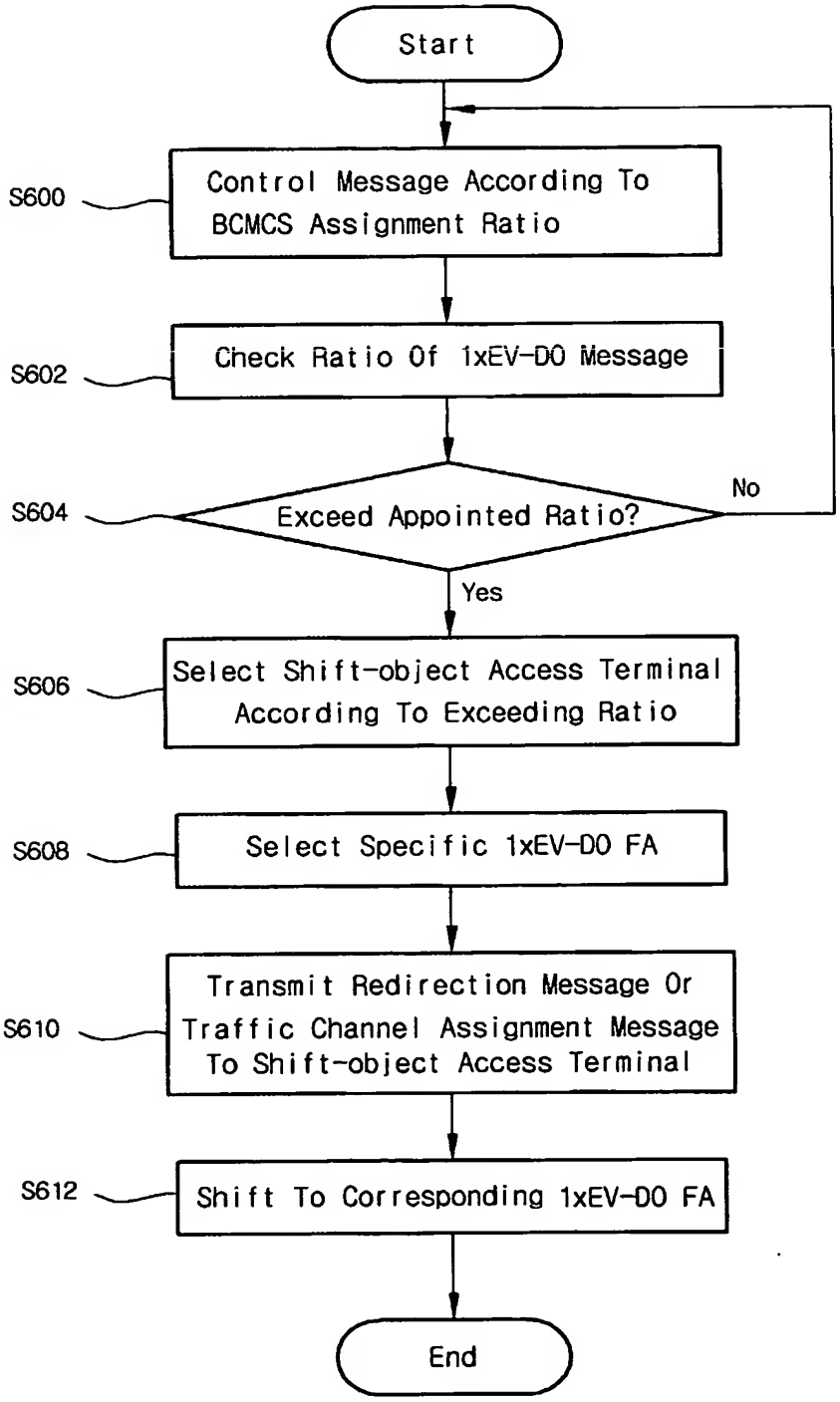
Start
S600
Control Message According To BCMCS Assignment Ratio
S602
Check Ratio Of 1xEV-DO Message
S604
Exceed Appointed Ratio?
No
Yes
S606
Select Shift-object Access Terminal According To Exceeding Ratio
S608
Select Specific 1xEV-DO FA
S610
Transmit Redirection Message Or Traffic Channel Assignment Message To Shift-object Access Terminal
S612
Shift To Corresponding 1xEV-DO FA
End

FIG. 6

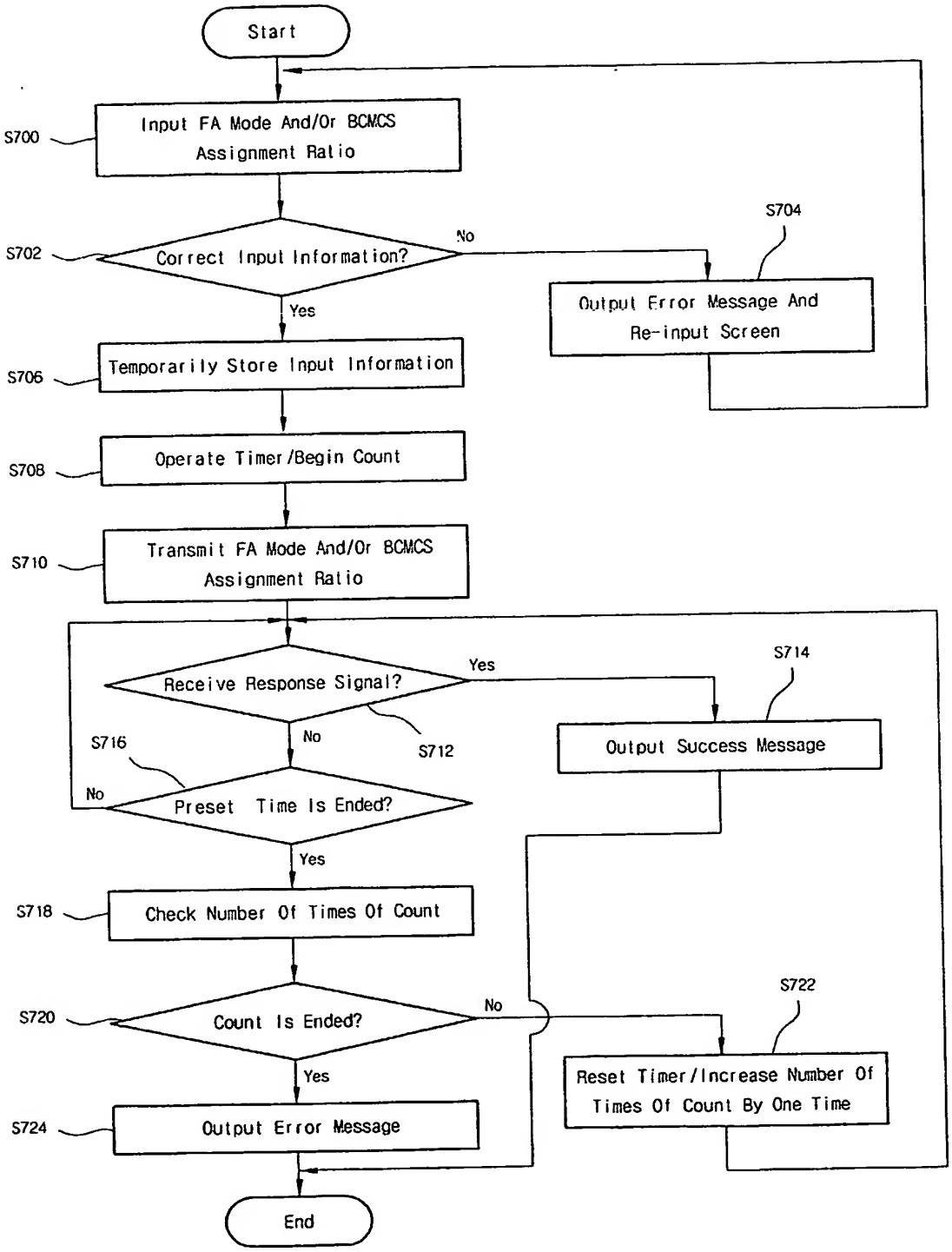
Start
S700
Input FA Mode And/Or BCMCS Assignment Ratio
S702
Correct Input Information?
No
S704
Output Error Message And Re-input Screen
Yes
S706
Temporarily Store Input Information
S708
Operate Timer/Begin Count
S710
Transmit FA Mode And/Or BCMCS Assignment Ratio
Receive Response Signal?
Yes
S714
S712
No
Output Success Message
S716
No
Preset Time Is Ended?
Yes
S718
Check Number Of Times Of Count
S720
Count Is Ended?
No
S722
Yes
Reset Timer/Increase Number Of Times Of Count By One Time
S724
Output Error Message
End

FIG. 7